

MicroBooNE WBS 1.8 PMT System

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Outline

- Current Status Update
- Projected Schedule
- Requisite for CD-2 Readiness
- Flexibility for Potential Design Modifications

Current Status Updates

- Finished cryogenic testing of the modified bases
- Up Next:
 - Solder all 30 bases to PMTs
 - Dry tests: 3 PMTs (+1 control) at a time in dewar
 - Complete dry testing ~early February.
 - Proceed to LN2 testing.
- Documentation
 - Finalizing DAQ Interface with Georgia
 - TDR Chapter finalized before Christmas

Projected Schedule



- Entire system ready to install mid 2012, if we have a vessel.
- This environment may compromise WLS plate integrity.

Requisite for CD-2

- Confirm funding for Support Rack Construction (nearly there)
- Iron out budget records
- ~6 weeks to obtain support rack design, finalize documentation.
- ~3 Weeks post internal review to begin to implement any recommendations.

Flexibility In Light of Possible Changes

- If we veto changes to Plan C today, we could be ready for an internal review mid-Jan, and CD-2 mid Feb.
- If we postpone a veto but choose to keep Plan C at a later date Y, we will be ready for review at Y + 6 weeks.
- If we move forward with vessel modification, we will need a few months before review:
 - Redesigning rack.
 - Change of dimensions -> possible change in coverage
 - Hanging/Installing the rack